	Application No.	Applicant(s)	
Alacia CAU	09/964,697	ASAO ET AL.	
Notice of Allowability	Examiner	Art Unit	<u> </u>
	Tran N. Nguyen	2834	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31:	6 (OR REMAINS) CLOSED) or other appropriate comm RIGHTS. This application is	in this application. If not include	ed
 This communication is responsive to 4/28/803. The allowed claim(s) is/are 1-18. The drawings filed on 28 September 2001 are accepted b Acknowledgment is made of a claim for foreign priority une All b) Some* c) None of the: Certified copies of the priority documents have 	der 35 U.S.C. § 119(a)-(d) e e been received.		
2. Certified copies of the priority documents have	e been received in Applicat	on No	
3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 5. Acknowledgment is made of a claim for domestic priority u (a) The translation of the foreign language provisional a 6. Acknowledgment is made of a claim for domestic priority u Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of 7. A SUBSTITUTE OATH OR DECLARATION must be submitted. (a) CORRECTED DRAWINGS must be submitted. (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No (b) including changes required by the proposed drawing of including changes required by the attached Examiner' Identifying indicia such as the application number (see 37 CFR 1. each sheet.	nder 35 U.S.C. § 119(e) (to application has been received application has been received ander 35 U.S.C. §§ 120 and a strike this communication to file this application. THIS THIS THIS THIS CONTROL (S) why the oath or declar correction filed, while s Amendment / Comment of	a provisional application). ed. for 121. a reply complying with the requir REE-MONTH PERIOD IS NOT E CAMINER'S AMENDMENT or No aration is deficient. ew (PTO-948) attached ch has been approved by the Expr in the Office action of Paper N	rements noted EXTENDABLE. OTICE OF caminer. o
9. ☐ DEPOSIT OF and/or INFORMATION about the deposattached Examiner's comment regarding REQUIREMENT FOR THE	sit of BIOLOGICAL MAT HE DEPOSIT OF BIOLOGI	ERIAL must be submitted. No CAL MATERIAL.	te the
Attachment(s)			
 Notice of References Cited (PTO-892) Notice of Draftperson's Patent Drawing Review (PTO-948) Information Disclosure Statements (PTO-1449), Paper No	4☐ Interview 6☐ Examine	f Informal Patent Application (PT v Summary (PTO-413), Paper N er's Amendment/Comment er's Statement of Reasons for Al	0

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DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Allowable Subject Matter

Claims 1-18 are allowed.

Reason for Allowability

The following is an examiner's statement of reasons for allowance: the primary reason for the allowance is the including, in combination with other limitations recited in the claims, the limitations of an automotive alternator comprising:

a shaft rotatable supported by a case;

a rotor axed to said shaft, said rotor being provided with a winding for generating a magnetic flux on passage of an electric current wherethrough; and

a plurality of claw-shaped magnetic poles disposed circumferentially on an outer circumferential side of said geld winding, said claw-shaped magnetic poles being magnetized by said magnetic flux generated by said held winding, and a stator provided with a cylindrical stator core supported by said case so as to envelop said rotor, a plurality of slots extending axially being formed in said stator core so as to line up circumferential; and a stator winding installed in said stator core, wherein said stator core is constructed by laminating a magnetic steel plate, said stator core being provided with a cylindrical base portion; a plurality of teeth portions disposed so as to extend from said base portion toward an axial center, and said plurality of slots, each of said slots being denned by said base portion and an adjacent pair of said teeth portions; ventilation channels are formed by a coil end group of said stator winding and said teeth portions of said stator core, a cooling airflow

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generated by rotation of said rotor Sowing through each of said ventilation channels in a radial direction from an inner circumferential side, and each of said teeth portions is formed such that a radial length ht and a width bt thereof satisfy an expression 0.15 < bt/ht < 0.4.

The Examiner concurs with the applicant argument. Therefore, comparing to the priorart of the record, none of the prior art references of the record, either stand alone or in combination, has taught or suggest the above-mentioned features, particularly the ratio of the stator teeth *radial length ht and a width bt to be 0.15* < *bt/ht* < 0.4, in combination with other limitations recited in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tran Nguyen whose telephone number is (703) 308-1639.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 308-1782. The fax phone number for this Group is (703) 305-3431 (32).

TŘAN NGUYEN

PRIMARY PATENT EXAMINER

TC-2800